



Date

April 29, 2002

LSI Logic Corporation Intellectual Property Corporate Legal Department MS D-106 1551 McCarthy Blvd. Milpitas, CA 95035

Number of pages including cover sheet	5	
To: US PTO, Box IDS		From: Mark Salvatore
TC2133		Intellectual Property Paralega

Fax No. Telephone No. (408) 433-7472 (703) 746-7239 Phone No. Fax No. (408) 433-7460

CC:

REMARKS:					
	Urgent	☐ For	your review	Reply ASAP	Please comment
Application Number Filing date: First named inventor Attorney docket num	_Febru :: _Dirks	iary 25, 200 , Juergen	2	 -	
Transmitted herewith Transmittal Fe	for filing via	facsimile:			
 Fee Transmitt 					
 Information D 		•	•		•
 Information D 	risclosure Stat	ement by At	plicant PTO/SB	/O8A	•

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P002

PTO/SB/1/ (298)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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LSI

Patent Fees are subject to annual revision on October 1. These are the fees effective Octoberf, 1997. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$) 0.00

Complete If Known			
Application Number	10/082,737		
Filing Date	February-25, 2002		
First Named Inventor	Juergen Dirks		
Group Art Unit	2133		
Examiner Name			
Attorney Docket No.	/ 01-158		

METHOD OF PAYMENT (check one)				FEE C	ALCULATION (continued)	
	3. ADDITIONAL FEES					
The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:	Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
Account 12-2252	105	130	205	65	Surcharge - late filing fee or oath	
Number Deposit	127	50	227	25·	Surcharge - late provisional	
Account LSI LOGIC CORPORATION					filing fee or cover sheet	——
Number Charge Any Charge the Issue Fee Set in	139	130	139	130	Non-English specification	——
Additional Fee 37 C.F.R. 1.18 at the	147	2,520	147	•	For filing request for reexamination	
required Under 37 Mailing of the Notice of 2. Payment Enclosed:	112	920*	112	920	Requesting publication of SIR prior to Examiner action	
Chec Money Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
C Conter C	115	110	215	55	Extension for reply within first month	
FEE CALCULATION	116	400	218	200	Extension for reply within second mont	
1. BASIC FILING FEE	117	950	217	475	Extension for reply within third mont	
Larg Entit Larg Entit eFee yFee eFee yFee Fee Description Fee Pald	118	1510	218	755	Extension for reply within fourth mont	
Code (\$) Code (\$)	128	2,060	228	1,030	Extension for reply within fifth mont	
101 790 201 395 Utility filing fee	119	310	219	155	Notice of Appeal	
108 330 206 165 Design filing fee	120	310	220	155	Filing a brief in support of an appea	
107 540 207 270 Plant filing fee	121	270	221	135	Request for oral heartn	
108 790 208 395 Reissue filing fee	138	1.510	138	1,510	.Petition to institute a public use proceedin	
114 150 214 75 Provisional Filing fee	140	110	240	55	Petition to revive - unavoidabl	
SUBTOTAL (1) (\$) 0.00	141	1,320	241	660	Petition to revive - unintentional	
2. EXTRA CLAIM FEES	142	1,320	242	660	Utility issue fee (or reissue	
Extra Claim Fee from Fee Paid	143	450	243	225	Design Issue fe	
Total claim -20**= =	144	670	244	335	Plant Issue fee	
Independen =	122	130	122	130	Petitions to the Commissione	
tClaims Multiple Dependent	123	50	123	50	Petitions related to provisional application	
**or number previously paid, if greater, For Reissues, see below	126	240	126	240	Submission of Information Disclosure Stm	
Larg Entit Larg Entit	1	_			December 2010	
eFee yFee eFee yFee Fee Description	581	40	581	40	Recording each patent assignment per property (times number of properties)	
Code (\$) Code (\$)	148	790	246	395	Filing a submission after	
103 22 203 11 Claims in excess of 20 102 82 202 41 Independent claims in excess of 3	1				final rejection (37 CFR 1.129	
102 82 202 41 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid	149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	
109 82 209 41 **Reissue Independent claims over					BAGITHIEU (VI VIII 1.120 (VI)	
original patent	Other	ee (spe	cify)			.
110 22 210 11 **Relssue datms in excess of 20 and over original patent	Other	ee (spe	cify)			الـــــــا
SUBTOTAL (2) (\$) 0.00	SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Pald SUBTOTAL (3) (\$) 0.00					
SUBMITTED BY					Complete (if applicable	e)
Typed or printed name Sandeep Jaggi			,		Reg. Number 43,331	
Signature		Date	42	9/02	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Please type a plus sign (+) inside this box	十	PTO/SB/21 (12/97) Approved for use through 9/30/2000. OMB 0851-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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IRANSMITTAL FORM		Application Number		10/082,737	
		Filing Date		February-25, 2002	
		First Named Inventor		Juergen Dirks	
			Group Art Unit		2133
			Examiner Name		
Total number of pag	ח	Attorney Docket Number		01-158	
		ENC	LOSURES (check all t	het ap	ply)
Fee Transmittal F	Form [Assignment	Papers		After Allowance Communication to Group
Fee Attack	hed [Drawtng(s)			Appeal Communication to Board of Appeals and
Amendment/Rest	conse	Licensing-re	lated Paper		Appeal Communication to Group (Appeal Notice, Brief, Repty Brief)
After Final	· <u>[</u>	and Accomp	ting Stip (PTO/SB/69) anying Petition		Proprietary Information
	Affidavits(s)/declaration(s To Convert a Provisional A		pplication	Ļ	Status Letter
Corresponde		omey, Change of ence Address	<u>_</u>	Additional Enclosure(s) (please Identify below):	
		Terminal Dis			,
Information Disck	_	Small Entity			
Document(s)	-	Request for	Refund		
Response to Miss Incomplete Applic		Remarks	_		*
Response to Parts under 1.52 or 1.53	37 CFR				
	SIGNATUR	E OF APPLIC	CANT, ATTORNEY, C	R AG	SENT
Individual Name	Sandeep Jag	gi, Reg. N	o. 43,331, Phor	ıe: [+1] 408-433-7472, 99 '
Signature Date 4-21-02-					
Date 4-14-61					
CERTIFICATE OF MAILING					
I hereby centify that this c Assistant Commissioner	orrespondence is being de for Patents, Washington,	eposited with the D.C. 20231 on th	United States Postal Service is date:	e as fire ·	st class mail In an envelope to:
Typed or printed name	Mark Salvator	e, Phone	: [+1] 408-433-7		
Signature	ml	KHA		$\overline{}$	ding upon the needs of the individual case.

Durium Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In revapplication of:

Juergen Dirks et. al.

Serial No.:

10/082,737

Filed:

February 25, 2002

For:

Optimized Buffering For JTAG

Boundary Scan Nets

Group Art Unit: 2133

Examiner:

Atty Docket:

/ 01-158

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assitant Commissioner for Patents, Washington D.C. 2023, on the date indicated below:

Mark Salvatore

Date

Signature

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation 1551 McCarthy Blvd., MS D-106 Milipitas, CA 95035 408-433-7475

Date: 4/29

Respectfully submitted,

Sandeep Jaggi

Reg. No. 43,331

Sheet

1

13:36

PTO/SB/08A (10-96)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

1

Complete If Known 10/082,737 **Application Number** February-25, 2002 Filing Date First Named Inventor Juergen Dirks 2133 Group Art Unit Examiner Name Attorney Docket No. /01-158

	U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Number	Document Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columna, Lines, Where Relevant Passages or Relevant Figures Appear	
		5,831,993		Graef	11-03-1998		

Examiner	Date	
signature	considered	